User's manual

EL52109
DECT 6.0 cordless telephone/ answering system with caller ID/call waiting

Congratulations

on purchasing your new AT&T product. Before using this AT&T product, please read the **Important safety information** on pages 56-57 of this manual. Please thoroughly read the user's manual for all the feature operations and troubleshooting information necessary to install and operate your new AT&T product. You can also visit our website at **www.telephones.att.com** or call **1 (800) 222-3111**. In Canada, dial **1 (866) 288-4268**.

Model #: EL52109 (one handset)
Type: DECT 6.0 cordless telephone/answering system

Serial #: _____
(found on the bottom of the telephone base)

Purchase date: _____

Place of purchase: _____

Both the model and serial number of your AT&T product can be found on the bottom of the telephone base.

Telephones identified with this logo have reduced noise and interference when used with most T-coil equipped hearing aids and cochlear impacts. The TIA-1083 Compliant Logo is a trademark of the Telecommunications Industry Association. Used under license.

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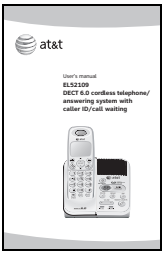
San Antonio, TX 78219. Printed in China.

Parts checklist

Save your sales receipt and original packaging in the event warranty service is necessary.

Your telephone package contains the following items:



User's manual

Quick start guide

Cordless handset

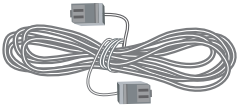
Telephone base

Wall mount bracket

Battery for
cordless handset

Battery
compartment cover

AC power adapter
for telephone base



Telephone line cord

User's manual

EL52109
DECT 6.0 cordless telephone/ answering system with caller ID/call waiting

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Quick reference guide - handset

CHARGE light

The charge light is on when the handset is charging (page 6).

▲DIR/VOLUME

Press **DIR▲** to show directory entries (page 27) when the phone is not in use.

Press to scroll up while in menus (page 9). Press **▲VOLUME** to increase the volume level during a call (page 21).

REDIAL/PAUSE

Press repeatedly to view the last five numbers dialed (page 20). While entering numbers, press and hold to insert a dialing pause (page 25).

PHONE/FLASH

Press to make or answer a call (page 19).

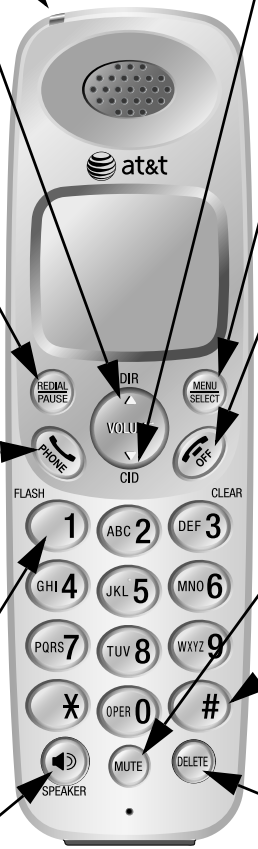
During a call, press to answer an incoming call when you receive a call waiting alert (page 21).

1

While reviewing a call log entry, press repeatedly to add or remove 1 in front of the telephone number before dialing or saving it in the directory (page 32).

SPEAKER

Press to turn on the handset speakerphone, press again to resume normal handset use (page 20).



▼CID/VOLUME

Press **▼CID** to show caller ID information (page 32) when the phone is not in use.

Press to scroll down while in menus (page 9). Press **▼VOLUME** to decrease the volume level during a call (page 21).

MENU/SELECT

Press to display the menu (page 9). Once in the menu, press to select an item or save an entry or setting.

OFF/CLEAR

Press and hold while the telephone is not in use to erase the missed calls indicator.

During a call, press to hang up (page 19).

While using menus, press to cancel an operation, back up to the previous menu, or exit the menu display (page 9).

MUTE

During a call, press to mute microphone (page 21).

#

Press repeatedly to display other dialing options when reviewing a call log entry (page 32).

DELETE

While reviewing the caller ID history (page 33), or the directory (page 28) or the redial memory (page 20), press to delete an individual entry.

While predialing, press to delete digits (page 19).

Main menu

> Highlights a menu item

Menu

Main menu

ANS. SYSTEM (page 36)
DIRECTORY (page 24)
CALL LOG (page 29)
RINGER VOLUME (page 9)
RINGER TONE (page 9)
KEY TONE (page 10)
LCD LANGUAGE (page 10)
SET DATE/TIME (page 11)
CLR VOICEMAIL (page 12)
HOME AREA CODE (page 13)

Using menus

Press **▲DIR** or **▼CID** to scroll through menu items.

Press **MENU/SELECT** to select or modify a highlighted item.

Press **OFF/CLEAR** to cancel an operation, back up to the previous menu, or exit the menu display.

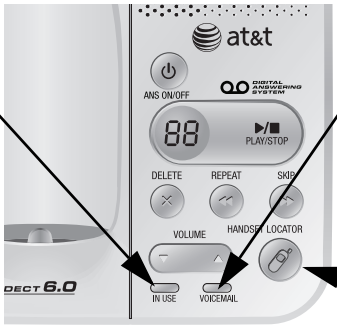
Quick reference guide - telephone base

IN USE indicator

On when the handset is in use or when the answering system is answering an incoming call.

Flashes when another telephone is in use on the same line.

Flashes quickly when there is an incoming call.



VOICEMAIL indicator

Flashes when you have new voicemail. Voicemail service is offered by your local telephone company, and is different from answering system messages (page 12).

HANDSET LOCATOR

Press to make handset beep so you can locate it (page 23).

MESSAGE COUNTER

Number of messages (or during playback, message number currently playing).

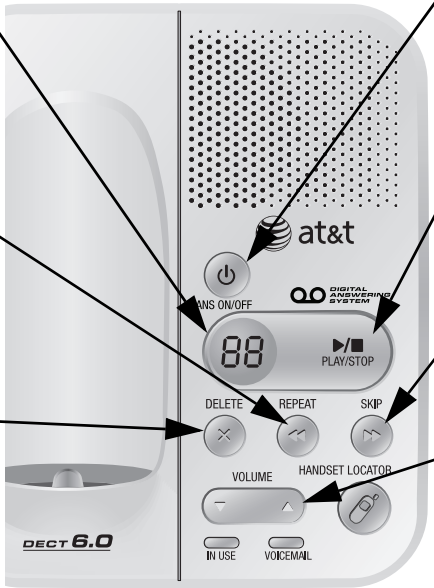
◂◂REPEAT

Press to repeat a message. Press **twice** to play the previous message (page 39).

X DELETE

Press to delete the message currently playing (page 39).

Press twice to delete all old messages when the phone is not in use (page 39).



⏻ ON/OFF

Press to turn the answering system on or off (page 36).

▸/■ PLAY/STOP

Press to start or stop message playback (page 38).

▸▸ SKIP

Press to skip a message (page 39).

▲▼VOLUME

During message playback, press to adjust the listening volume (page 39).

While in idle mode, press to adjust the base ringer volume (page 37).

Installation

You must install and charge the handset battery before using the cordless handset.

See pages 5-6 for easy instructions.

Install the telephone base close to a telephone jack and a power outlet not controlled by a wall switch. The telephone base can be placed on a flat surface or vertically mounted on the wall (see page 7). For optimum range and better reception, place the telephone base in a central and open location.

If you subscribe to high-speed Internet service (digital subscriber line - DSL) through your telephone line, you must install a DSL filter between the telephone line cord and the telephone wall jack (see the following page). The filter prevents noise and caller ID problems caused by DSL interference. Please contact your DSL service provider for more information about DSL filters.

Your product may be shipped with a protective sticker covering the handset or telephone base display - remove it before use.

For customer service or product information, visit our website at **www.telephones.att.com** or call **1 (800) 222-3111**. In Canada, dial **1 (866) 288-4268**.

Avoid placing the telephone base too close to:

- Communication devices such as: television sets, VCRs, or other cordless telephones.
- Excessive heat sources.
- Noise sources such as a window with traffic outside, motors, microwave ovens, refrigerators, or fluorescent lighting.
- Excessive dust sources such as a workshop or garage.
- Excessive moisture.
- Extremely low temperature.
- Mechanical vibration or shock such as on top of the washing machine or workbench.

Telephone base installation

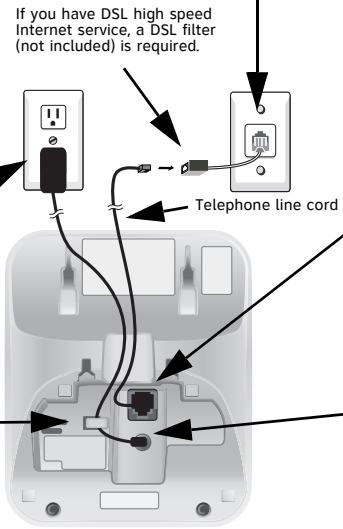
Install the telephone as shown below.

The telephone base is ready for table use. If you want to change to wall mounting, see page 7 for details.

5. Plug the other end of the telephone line cord into a telephone jack or a DSL filter.

4. Plug the large end of the AC power adapter into a power outlet not connected to a wall switch.

3. Route the power adapter cord through the slot.



1. Plug one end of the telephone line cord into the telephone jack on the bottom of the telephone base.

2. Plug the small end of the AC power adapter into the power jack on the bottom of the telephone base.

IMPORTANT INFORMATION

1. Use only the power adapter supplied with this product. To order a replacement power adapter, visit our website at **www.telephones.att.com**, or call **1 (800) 222-3111**. In Canada, dial **1 (866) 288-4268**.
2. The power adapter is intended to be correctly oriented in a vertical or floor mount position. The prongs are not designed to hold the plug in place if it is plugged into a ceiling, under-the-table or cabinet outlet.

Battery installation & charging

Install the battery as shown on the next page. Once you have installed the battery, the screen indicates the battery status (see table below). If necessary, place the handset in the telephone base to charge the battery. For best performance, keep the handset in the charger when not in use. The battery is fully charged after 16 hours of continuous charging. See the table on page 62 for battery operating times.

If the screen is blank, you need to charge the handset without interruption for at least 10 minutes to give the handset enough charge to use the telephone for a short time. The screen shows **LOW BATTERY** and the backlight is off until you have charged the battery without interruption for at least one hour. The following table summarizes the battery charge indicators and actions to take.

Battery indicators	Battery status	Action
The screen is blank.	Battery has no charge and the handset cannot be used.	Charge without interruption until the screen shows **LOW BATTERY** (at least 10 minutes).
The screen shows **PLACE IN CHARGER** and ▯ flashes	Battery has very little charge and the handset cannot be used.	Charge without interruption until the screen shows **LOW BATTERY** (at least four minutes).
The screen shows **LOW BATTERY** and ▯ flashes.	Battery has enough charge to be used for a short time.	Charge without interruption until the screen shows **HANDSET** (at least one hour).
The screen shows **HANDSET**.	Battery is charged.	To keep the battery charged, place it in the telephone base when not in use.

NOTE: If you are on a phone call in low battery mode, you hear four short beeps every minute.

Battery installation & charging

Step 1
Plug the battery connector securely into the socket inside the handset battery compartment, matching the color-coded label. Insert the supplied battery with the label **THIS SIDE UP** facing up as indicated.

Step 2
Align the cover flat against the battery compartment, then slide it upwards until it clicks into place.

Step 3
Charge the handset by placing it face up in the telephone base. The **CHARGE** light at the top of the handset is on when charging.

To replace the battery, press the tab and slide the battery compartment cover downwards. Lift out the old battery and disconnect it from the handset. Follow the instructions above to install and charge the new battery.

IMPORTANT INFORMATION

Use only the supplied rechargeable battery or replacement battery (model BT8001). To order, visit our website at **www.telephones.att.com**, or call **1 (800) 222-3111**. In Canada, dial **1 (866) 288-4268**.

Wall installation

Your telephone base is ready for tabletop use. If you want to mount your telephone on a wall, use the provided wall mount bracket to connect with a standard dual-stud telephone wall mounting plate. If you do not have this mounting plate, you can purchase one from many hardware or consumer electronic retailers. You might need a professional to install the mounting plate.

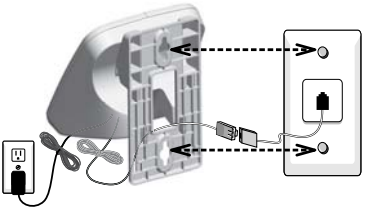
Tabletop to wall installation

1. Position the telephone base as shown below. Insert the extended tabs (marked A) of the wall mount bracket into the slots on the back of the telephone base (marked A). Push the telephone base down until it is securely in place.
2. If you are using a DSL filter, plug the line cord into the filter now. Route the telephone line cord (or DSL filter) through the wall mount bracket hole. Route the power cord out of the bottom of the telephone.
3. Plug the telephone line cord (or DSL filter) into the wall jack. Plug the power adapter into a power outlet not controlled by a wall switch.
4. Align the holes on the bracket with the standard wall plate and slide the bracket down until it locks securely. Bundle the telephone line cord and power adapter cord neatly with a twist tie.

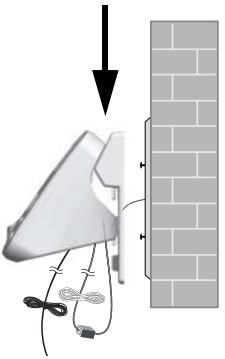
1.

2.

3.



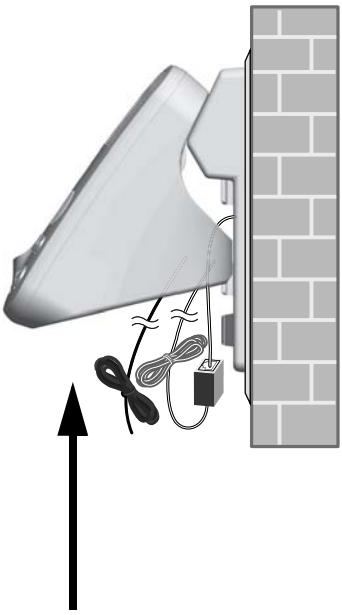
4.



Wall installation

Wall to tabletop installation

1. Remove the wall mount bracket from the wall. If the telephone line cord and power adapter cord are bundled, untie them first.
2. Lift the telephone base up to detach it from the plastic wall mount bracket. Unplug the telephone line cord (or DSL filter) from the wall. Unplug the power adapter from the power outlet.
3. See **Telephone base installation** on page 4.



Telephone settings

Menu settings

Use the menus to change the telephone's settings.

1. Press **MENU/SELECT** in idle mode (when the phone is not in use) to enter the main menu.
2. Use **▼CID** or **DIR▲** to scroll to the feature to be changed. When scrolling through the menu, the top menu item is always highlighted with a **>** symbol.
3. Press **MENU/SELECT** to select the highlighted item.

NOTE: To cancel an operation, back up to the previous menu or exit the menu display, press **OFF/CLEAR**. Press and hold **OFF/CLEAR** to return to idle mode.

Ringer volume

You can set the ringer volume level (1-6), or turn the ringer off. When the ringer is off, 🔕 appears on the handset screen.

1. Press **MENU/SELECT** in idle mode to enter the main menu.
2. Use **▼CID** or **DIR▲** to scroll to **>RINGER VOLUME**, then press **MENU/SELECT**.
3. Press **▼CID** or **DIR▲** to sample each volume level.
4. Press **MENU/SELECT** to save your preference and return to the main menu.

NOTES:

1. Changing the handset ringer volume does not affect the base ringer volume. For more information on base ringer volume, see page 37.
2. The ringer volume level also determines the paging tone when initiating the handset locator feature (page 23).
3. If the handset ringer volume level is set to off, that handset is silenced for all incoming calls and paging.

Telephone settings

Ringer tone

This feature allows you to choose one of 10 ringer tones.

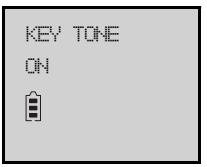
1. Press **MENU/SELECT** in idle mode to enter the main menu.
2. Use ▼**CID** or **DIR**▲ to scroll to **>RINGER TONE**, then press **MENU/SELECT**.
3. Press ▼**CID** or **DIR**▲ to sample each ringer tone.
4. Press **MENU/SELECT** to save your preference and return to the main menu.

NOTE: If you turn off the ringer volume, you will not hear ringer tone samples.

Key tone

The handset is factory programmed to beep with each key press. If you turn off the **KEY TONE**, there are no beeps when you press keys.

1. Press **MENU/SELECT** in idle mode to enter the main menu.
2. Use ▼**CID** or **DIR**▲ to scroll to **>KEY TONE**, then press **MENU/SELECT**.
3. Press ▼**CID** or **DIR**▲ to select **ON** or **OFF**.
4. Press **MENU/SELECT** to save your preference and return to the main menu.



LCD language

You can select the language used for all screen displays.

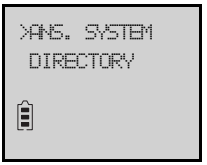
1. Press **MENU/SELECT** in idle mode to enter the main menu.
2. Use ▼**CID** or **DIR**▲ to scroll to **>LCD LANGUAGE**, then press **MENU/SELECT**.
3. Press ▼**CID** or **DIR**▲ to select **ENGLISH**, **FRANÇAIS** or **ESPAÑOL**.
4. Press **MENU/SELECT** to save your preference and return to the main menu.

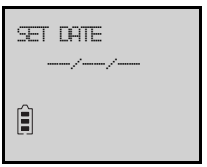
Telephone settings

Set date/time

The answering system announces the date and time of the message prior to playing it. Before using the answering system, set the date and time as follows. If you subscribe to caller ID service, the day, month and time are set automatically with each incoming call. However, the year must be set so that the day of the week can be calculated from the caller ID information.

Follow the steps below to set the month, day, year and time.





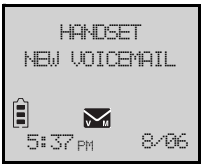
1. When the handset is in idle mode, press **MENU/SELECT** to enter the main menu.
2. Press **▼CID** or **DIR▲** to scroll to **>SET DATE/TIME**, then press **MENU/SELECT.**
3. Press **▼CID** or **DIR▲** to select the month, or enter the correct number using the dial pad, then press **MENU/SELECT** to confirm.
4. Press **▼CID** or **DIR▲** to select the day, or enter the correct number using the dial pad, then press **MENU/SELECT** to confirm.
5. Press **▼CID** or **DIR▲** to select the year, or enter the correct number using the dial pad, then press **MENU/SELECT** to confirm.
6. Press **▼CID** or **DIR▲** to select the hour, or enter the correct number using the dial pad, then press **MENU/SELECT** to confirm.
7. Press **▼CID** or **DIR▲** to select the minute, or enter the correct number using the dial pad, then press **MENU/SELECT** to confirm.
8. Press **▼CID** or **DIR▲** to select the **AM** or **PM**, then press **MENU/SELECT** to confirm. There is a confirmation tone.

NOTE: If the clock is not set when a message is recorded, the system announces, *"Time and day not set"* before the message is played.

Telephone settings

Voicemail (visual message waiting) indicator

If you subscribe to a voicemail service offered by your local telephone company, this feature provides a visual indication when you have new voicemail messages. The **VOICEMAIL** light on the telephone base flashes, and **NEW VOICEMAIL** and the ✉ icon appear on the handset screen.



NOTES:

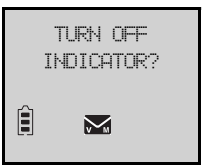
1. This feature does not indicate new answering system messages recorded on your phone.
2. For more information about the difference between your answering system and voicemail, see page 36.

Clear voicemail indication

Use this feature when the telephone indicates there is new voicemail but there is none. For example, when you have accessed your voicemail while away from home. This feature only turns off the displayed **NEW VOICEMAIL** message, ✉ icon, and **VOICEMAIL** light; it does not delete your voicemail messages. As long as you have new voicemail messages, your local telephone company continues to send the signal to turn on the indicator.

To manually turn off the new voicemail indicator:

1. Press **MENU/SELECT** when in idle mode to enter the main menu.
2. Use **▼CID** or **DIR▲** to scroll to **>CLR VOICEMAIL**, then press **MENU/SELECT**. The screen shows **TURN OFF INDICATOR?**
3. Press **MENU/SELECT** again to turn the voicemail indication off, or press **OFF/CLEAR** to cancel the procedure.



NOTES:

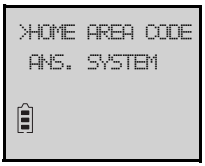
1. Telephone company voicemail might alert you to new messages with a stutter (broken) dial tone. Contact your telephone company for more details.
2. For information about using your voicemail service, contact your telephone company for assistance.

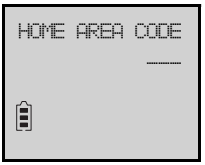
Telephone settings

Home area code

If you dial seven digits to make a local call (no area code required), enter your area code into the telephone as the home area code. When you receive a call from within your home area code, the caller ID history only displays the seven digits of the telephone number.

This feature makes it easy for you to place a call from the caller ID log. If you dial 10 digits to make a local phone call, do not use this home area code feature. If you do, you will not be able to place local calls from your caller ID log, as they have only seven digits.





1. Press **MENU/SELECT** in the idle mode to enter the main menu.
2. Use **▼CID** or **DIR▲** to scroll to **>HOME AREA CODE**, then press **MENU/SELECT.**
3. Press the dial pad keys to enter a three-digit home area code. Press **DELETE** to delete digits while entering.
4. Press **MENU/SELECT** to save and return to the main menu.

NOTE: If, in the future, your telephone service provider requires you to dial 10 digits to make a local call (area code + phone number), you will need to delete your home area code. With the home area code displayed, press and hold **DELETE**. The home area code is now restored to its default setting of _ _ _.

Answering system settings

Use the answering system menu to turn the answering machine on or off, record your announcement (greeting), change the number of rings, remote access code and message alert tone.

1. When the handset is in idle mode, press **MENU/SELECT** to enter the main menu.
2. Press **MENU/SELECT** again.
3. Press **▼CID** or **DIR▲** to scroll to **>ANS SYS SETUP**, then press **MENU/SELECT**.

Answer on/off

Unless you change it, the answering system is on and ready to record messages. You can turn the answering system off, but if you do so, the answering system does not answer calls and record incoming messages.

To turn the answering system on or off from the handset:

1. When the handset is in idle mode, press **MENU/SELECT** to enter the main menu.
2. Press **MENU/SELECT** again.
3. Press **▼CID** or **DIR▲** to scroll to **>ANS SYS SETUP**, then press **MENU/SELECT**.
4. Press **MENU/SELECT** again to select **>ANSWER ON/OFF**.
5. Press **▼CID** or **DIR▲** to select between **ON** and **OFF**, then press **MENU/SELECT** to confirm the setting. A confirmation tone sounds.

If the answering system is on, the **ANS ON** icon displays on the handset screen.

NOTE: If the answering system is off and there is an incoming call, the system answers after 10 rings and announces to the caller, *"Please enter your remote access code."* For more information about remote access codes, see pages 42-43.

Answering system settings

Announcement

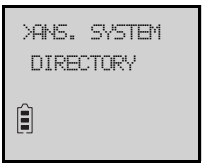
Outgoing announcements are the messages caller hears when calls are answered by the answering system.

The telephone has a prerecorded outgoing announcement, *"Hello. Please leave a message after the tone."* You can use this announcement, or record your own announcement.

You can record an announcement up to 90 seconds. The system does not record any announcement shorter than one second.

To play your current outgoing announcement:

1. When the handset is in idle mode, press **MENU/SELECT** to enter the main menu.
2. Press **MENU/SELECT** again.
3. Press **▼CID** or **DIR▲** to scroll to **>ANS SYS SETUP**, then press **MENU/SELECT**.
4. Press **▼CID** or **DIR▲** to scroll to **>ANNOUNCEMENT**, then press **MENU/SELECT**, the system announces, *"To play, press **2**. To record, press **7**."*
5. Press **2** to play the current announcement.



To record a new outgoing announcement:

1. When the handset is in idle mode, press **MENU/SELECT** to enter the main menu.
2. Press **MENU/SELECT** again.
3. Press **▼CID** or **DIR▲** to scroll to **>ANS SYS SETUP**, then press **MENU/SELECT**.
4. Press **▼CID** or **DIR▲** to scroll to **>ANNOUNCEMENT**, then press **MENU/SELECT**, the system announces, *"To play, press **2**. To record, press **7**."*
5. Press **7** to record an announcement, the system announces *"Record after the tone, press **5** when you are done."*
6. Press **5** when you finish the recording. Your recorded announcement plays.

To listen to the recorded announcement again, press **2** after playback is completed.

To record a new announcement, press **7** and follow step 6.

NOTE: If the answering system is full and you want to record a new announcement, the system announces *"Memory is full."* You must delete some messages before you can record a new announcement.

Answering system settings

To delete your outgoing announcement:

1. When the handset is in idle mode, press **MENU/SELECT** to enter the main menu.
2. Press **MENU/SELECT** again.
3. Press **▼CID** or **DIR▲** to scroll to **>ANS SYS SETUP**, then press **MENU/SELECT**.
4. Press **▼CID** or **DIR▲** to scroll to **>ANNOUNCEMENT**, then press **MENU/SELECT**, the system announces, *"To play, press **2**. To record, press **7**."*
5. Press **3** to delete your recorded announcement.

If your announcement is deleted, calls are answered with the pre-recorded announcement described on page 15.

Number of rings

You can set the answering system to answer an incoming call after two, four, or six rings. You can also select toll saver, which is explained below. Unless you change it, the answering system answers an incoming call after four rings.

To set the number of rings:

1. When the handset is in idle mode, press **MENU/SELECT** to enter the main menu.
2. Press **MENU/SELECT** again.
3. Press **▼CID** or **DIR▲** to scroll to **>ANS SYS SETUP**, then press **MENU/SELECT**.
4. Press **▼CID** or **DIR▲** to scroll to **># OF RINGS**, then press **MENU/SELECT**.
5. Press **▼CID** or **DIR▲** to scroll choose among **2**, **4**, **6** or **TOLL SAVER**.
    - Toll saver - the answering system answers a call after two rings if you have new messages, and after four rings when there are no new messages. This feature allows you to check for new messages and avoid paying long distance charges if you are calling from out of your local area.
6. Press **MENU/SELECT** to confirm your setting. A confirmation tone sounds.

NOTE: If you subscribe to caller ID/call waiting service through your telephone service provider, see **Answering system and voicemail** on page 36.

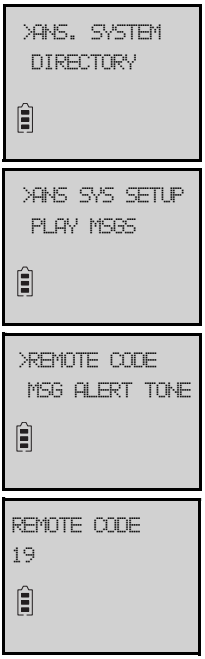
Answering system settings

Remote access code

To access your answering system remotely from any touch tone phone, you need to enter a two-digit number (10-99). Unless you change it, the remote access code is 19.

To change the remote access code:

1. When the handset is in idle mode, press **MENU/SELECT** to enter the main menu.
2. Press **MENU/SELECT** again.
3. Press **▼CID** or **DIR▲** to scroll to **>ANS SYS SETUP**, then press **MENU/SELECT**.
4. Press **▼CID** or **DIR▲** to scroll to **>REMOTE CODE**, then press **MENU/SELECT**.
5. Press **▼CID** or **DIR▲** to change the remote access code.
6. Press **MENU/SELECT** to confirm your setting. A confirmation tone sounds.



Answering system settings

Message alert tone

When the message alert tone is set to **ON**, and there is at least one new message, the telephone base beeps every 10 seconds. Unless you change it, the message alert tone is set to off.

To change the setting:

1. When the handset is in idle mode, press **MENU/SELECT** to enter the main menu.
2. Press **MENU/SELECT** again.
3. Press **▼CID** or **DIR▲** to scroll to **>ANS SYS SETUP**, then press **MENU/SELECT**.
4. Press **▼CID** or **DIR▲** to scroll to **>MSG ALERT TONE**, then press **MENU/SELECT**.
5. Press **▼CID** or **DIR▲** to choose between **ON** and **OFF**.
6. Press **MENU/SELECT** to confirm your setting. A confirmation tone sounds.

NOTES:

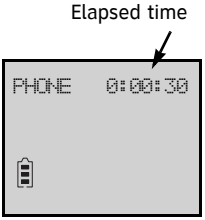
1. The message alert tone beeps only if all the conditions below are met:
   - Answering system is on.
   - Message alert tone setting is on.
   - There are new messages.
2. To temporarily turn off the message alert tone see page 37.

Making, answering, and ending calls

Making a call

To make a call, press **PHONE/FLASH** or **SPEAKER**, then enter the telephone number.

The screen displays the elapsed time as you talk (in hours, minutes and seconds).



NOTE: Pressing **PHONE/FLASH** to access services from your local telephone service provider does not affect the elapsed time.

On-hook dialing (predialing)

Enter the telephone number, then press **PHONE/FLASH** or **SPEAKER** to dial. Press **DELETE** or **OFF/CLEAR** at any time to make corrections as you are entering number.

Answering a call

To answer a call

- Press **PHONE/FLASH** or **SPEAKER**.

  -OR-

- Press any dial pad key (0-9, * or #).

Temporary ringer silencing

Press **OFF/CLEAR** or **MUTE** while the telephone is ringing to silence the ringer temporarily on the handset. This turns off the ringer without disconnecting the call. The next incoming call rings normally at the preset volume.

Ending a call

To end a call, press **OFF/CLEAR** or return the handset to the telephone base.

Auto off

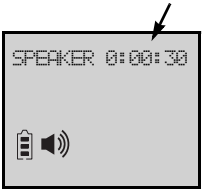
A call ends automatically when you put the handset in the telephone base.

Handset operation

Speakerphone information

During a call, press **SPEAKER** to switch between hands-free speakerphone and normal handset use. Press **OFF/CLEAR** to hang up.

Elapsed time



NOTES:

1. If you use the speakerphone during **LOW BATTERY** mode, the handset is not lit except for the **SPEAKER** button.
2. The speakerphone uses more power than the normal handset. If the handset battery becomes very low while you are using the speakerphone, the call remains in speakerphone mode until you hang up or the battery becomes depleted. When the battery is very low, you cannot switch a call from normal handset use to speakerphone mode.
3. After installing the battery into the handset, the screen may show **LOW BATTERY**. If you use speakerphone at this time, the battery may become depleted. Follow the instructions in the **Battery installation & charging** section on pages 5-6.

Last number redial

To view the recently dialed numbers:

- To display the most recently called number (up to 30 digits), press **REDIAL/PAUSE**.
- To view up to five recently called numbers, press **REDIAL/PAUSE**. Then press **▼CID** or **DIR▲**, or press **REDIAL/PAUSE** repeatedly.

The handset beeps twice at the beginning and at the end of the list.

Press **OFF/CLEAR** to exit.

To redial a number:

- To dial the displayed number, press **PHONE/FLASH** or **SPEAKER**.

  -OR-

- You can call the most recently called number by pressing **PHONE/FLASH** or **SPEAKER**, then pressing **REDIAL/PAUSE**.

While reviewing the redial memory, press **DELETE** to delete the displayed number.

Options while on calls

Volume control

While on a call, press ▼**VOLUME/CID** to decrease or press ▲**VOLUME/DIR** to increase the listening volume.

NOTES:
1. Handset and speakerphone volume settings are independent.
2. When the volume reaches the minimum or maximum setting, you hear two beeps.

Call waiting

If you subscribe to call waiting service with your local telephone service provider, you hear a beep if someone calls while you are already on a call. Press **PHONE/FLASH** to put your current call on hold and take the new call. Press **PHONE/FLASH** at any time to switch back and forth between calls.

Mute

Use the mute function to turn off the microphone. You can hear the caller, but the caller does not hear you.

To mute a call:

- Press **MUTE**. When mute is on, the handset screen shows **MUTED** for a few seconds and the **MUTE** icon appears until you turn off mute.

To un-mute a call:

- Press **MUTE** again. When mute is off, **MICROPHONE ON** appears temporarily on the handset screen.

Options while on calls

Chain dialing

Use this feature to initiate a dialing sequence from numbers stored in the directory, caller ID history or redial while you are on a call.

Chain dialing can be useful if you wish to access other numbers (such as bank account numbers or access codes) from the directory, caller ID history or redial list.

To get to the directory while on a call:

1. Press **MENU/SELECT** twice when in idle mode to enter **>DIRECTORY**.
2. Press **▼CID** or **DIR▲** to scroll to the desired number.
3. Press **MENU/SELECT** to dial the number shown.

To get to the caller ID history (call log) while on a call:

1. Press **MENU/SELECT**.
2. Press **▼CID** or **DIR▲** to scroll to **>CALL LOG**, then press **MENU/SELECT**.
3. Press **▼CID** or **DIR▲** to scroll to the desired number.
4. Press **MENU/SELECT** to dial the number shown.

To get to the last number redial while on a call:

Press **PAUSE/REDIAL** to show and dial the most recently dialed number. If you press **PAUSE/REDIAL** again within two seconds, the number is not dialed.

NOTES:

1. You cannot edit a directory entry while on a call. For more details about the directory, see page 24.
2. You cannot copy a caller ID entry into the directory while on a call. For more details about the caller ID history, see page 29.
3. If you press **REDIAL/PAUSE** while on a call, you can only view the most recent call, and you cannot erase the entry. For more details about the redial memory, see page 20.
4. Press and hold **OFF/CLEAR** to exit redial, directory or caller ID history when you are on a call.

Handset locator

The handset locator feature is useful if you misplace your handset.

To start the paging tone:

- Press **HANDSET LOCATOR** at the telephone base to start the paging tone on the handset for 60 seconds.

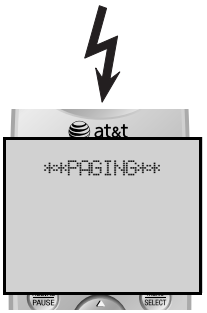
NOTE: If you press **OFF/CLEAR** or **MUTE** on the handset, the ringer of the handset is off, but the paging tone continues.

To stop the paging tone:

- Press **PHONE/FLASH**, **SPEAKER**, or any dial pad key (0-9, *, or #) on the handset,

  –OR–

- Press **HANDSET LOCATOR** on the telephone base.



NOTE: The handset ringer volume also determines the volume of the paging tone. If the handset ringer volume level is set to off, that handset is silent for all calls and paging (page 9).

About the directory

Capacity

The directory can store up to 50 entries, with a maximum of 15 alphanumeric characters (including spaces) for the names and 30 digits for the telephone numbers. A convenient search feature can help you find and dial numbers quickly (page 27).

If there are already 50 entries, the screen shows **LIST FULL**. You cannot store a new number until you delete one.

Exiting the directory

Press **OFF/CLEAR** to cancel an operation, back up to the previous menu, or exit the menu display. Press and hold **OFF/CLEAR** to return to the idle mode.

If you pause for too long while creating or reviewing an entry, the procedure times out and you have to begin again.

Create directory entries

To create a new directory entry

1. Press **MENU/SELECT** in idle mode to enter the main menu.
2. Press ▼**CID** or **DIR**▲ to scroll to **>DIRECTORY**, then press **MENU/SELECT**.
3. Press ▼**CID** or **DIR**▲ to highlight **>STORE**.
4. Press **MENU/SELECT**.
5. Enter the telephone number when prompted.
   - Use the dial pad to enter up to 30 digits.
     - Press ▼**CID** or **DIR**▲ to move the cursor to the left or right.
     - Press **DELETE** to erase digits.
     - Press and hold **DELETE** to erase all digits.
     - Press and hold **REDIAL/PAUSE** to enter a three-second dialing pause (a **p** appears).

     -OR-
   - Copy a number from redial by pressing **REDIAL/PAUSE** then press ▼**CID** or **DIR**▲, or pressing **REDIAL/PAUSE** repeatedly to locate the number to copy. Press **MENU/SELECT** to copy the number.
6. Press **MENU/SELECT** to save the number in the display.

The display shows **ALREADY SAVED** if the number is already in the directory. You cannot save the same number twice

Create directory entries

7. Enter the name when prompted.

- Use the dial pad to enter a name (up to 15 characters). Each time you press a key, the character on that key appears. Additional key presses produce other characters on that key. See the chart below.
  - Press ▼**CID** or **DIR**▲ to move the cursor to the left or right.
  - Press **DELETE** to erase characters.
  - Press and hold **DELETE** to erase all characters.

NOTE: The first letter of every word is capitalized. The remaining letters in a word start as lower case letters shown in the chart below.

Dial Key	Characters by number of key presses								
	1	2	3	4	5	6	7	8	9
1	1	#	'	,	-	.	&		
2	A	B	C	2	a	b	c		
3	D	E	F	3	d	e	f		
4	G	H	I	4	g	h	i		
5	J	K	L	5	j	k	l		
6	M	N	O	6	m	n	o		
7	P	Q	R	S	7	p	q	r	s
8	T	U	V	8	t	u	v		
9	W	X	Y	Z	9	w	x	y	z
0	0								
*	*	?	!	/	(	)	@		
#	space								

8. Press **MENU/SELECT** to store your new directory entry. The name and the telephone number appear. To change them later, see page 28.

Review directory

To review directory entries

1. Press **DIR▲** when in idle mode to show the first entry in the directory. **DIRECTORY EMPTY** appears if there are no directory entries.

   -OR-

   You can also show the first entry in the directory by pressing **MENU/SELECT** when in idle mode, then press **▼CID** or **DIR▲** to scroll to **>DIRECTORY**, then press **MENU/SELECT** twice.

2. Press **▼CID** or **DIR▲** to browse through the directory. Entries appear alphabetically by the first letter in the name.

NOTE: If the telephone number in the directory exceeds 15 digits, **<*** appears in front of the telephone number. Press ***** to move towards the end of the telephone number or press **#** to move towards the beginning of the telephone number. You can also press **MENU/SELECT** to view the number in its entirety. This action puts the telephone number in edit mode. Press **OFF/CLEAR** to cancel. See page 28 for information on editing a directory entry.

Search directory

To search by name

1. Press **DIR▲** in idle mode to show the first listing in the directory. **DIRECTORY EMPTY** appears if there are no directory entries.
2. When a name entry appears, press the dial pad keys (2-9) to start a name search.

   The directory shows the first name beginning with the first letter associated with the dial pad key if there is an entry in the directory that begins with that letter.
3. To see other names that start with the letters on the same dial pad key, keep pressing the key. The names appear in alphabetical order.

For example, if you have the names **Jennifer**, **Jessie**, **Kevin** and **Linda** in your directory:

If you press **5 (JKL)** once, **Jennifer** displays.

If you press **5 (JKL)** twice, **Jessie** displays.

If you press **5 (JKL)** three times, **Kevin** displays.

If you press **5 (JKL)** four times, **Linda** displays.

If you press **5 (JKL)** five times, **Jennifer** displays again.

NOTES:

1. If there is no name matching the first letter of the key you press, the directory shows a name that matches the following letters of the key.
2. If you press a key (2-9) and no name starts with the letters on that key, the directory shows the entry that matches the next letter in the directory.

To dial, delete or edit entries

To dial, delete or edit a directory entry (name and number), the entry must be shown on the handset. Use the directory review or search (page 27) to show an entry.

Display dial

To dial a displayed number from the directory, press **PHONE/FLASH** or **SPEAKER**.

To delete an entry

When a directory entry appears, press **DELETE** to delete the displayed entry from the directory. Once deleted, you cannot retrieve an entry.

To edit an entry

When a directory entry appears:

1. Press **MENU/SELECT** to modify the entry. You are prompted to **EDIT NUMBER**.
   - Press the dial pad keys to add digits.
   - Press **DELETE** to erase digits.
   - Press and hold **DELETE** to erase all digits.
   - Press **▼CID** or **DIR▲** to move the cursor to the left or right.
   - Press and hold **REDIAL/PAUSE** to add a three-second pause, if desired.
   - Copy a number from redial by pressing **REDIAL/PAUSE**. Then press **▼CID** or **DIR▲**, or pressing **REDIAL/PAUSE** repeatedly to locate the number to copy. Press **MENU/SELECT** to copy the number.
2. Press **MENU/SELECT**. You are prompted to **EDIT NAME**.
   - Press the dial pad keys to add characters (page 26).
   - Press **DELETE** to erase characters.
   - Press and hold **DELETE** to erase all characters.
   - Press **▼CID** or **DIR▲** to move the cursor to the left or right.
3. Press **MENU/SELECT** to confirm.

About caller ID

This product supports caller ID services provided by most local telephone service companies. Depending on your service subscription, you may see the caller's number, or the caller's name and number that are sent by the telephone company after the first or second ring. Caller ID allows you to see the name, number, date and time of calls.

Information about caller ID with call waiting

Caller ID with call waiting lets you see the name and telephone number of the caller before answering the telephone, even while on another call.

It may be necessary to change your telephone service to use this feature. Contact your telephone company if:

- You have both caller ID and call waiting, but as separate services (you may need to combine these services).
- You have only caller ID service, or only call waiting service.
- You don't subscribe to caller ID or call waiting services.

There are fees for caller ID services. In addition, services may not be available in all areas.

This product can provide information only if both you and the caller are in areas offering caller ID service and if both telephone companies use compatible equipment. The time and date are sent by the telephone company along with the call information.

The caller ID information may not be available for every incoming call. The callers may intentionally block their names and/or telephone numbers. To view call log entries with numbers between 16 and 23 digits, you must save the entry to the directory (see page 33). For instructions on viewing the digits, see the first note on page 27.

NOTE: You can use this product with regular caller ID service, or you can use this product's other features without subscribing to either caller ID or combined caller ID with call waiting service.

Caller ID operation

Memory match

If the incoming telephone number exactly matches a telephone number in your directory, the name that appears on the screen matches the corresponding name in your directory.

For example, if Christine Smith calls, her name appears as Chris if this is how you entered it into your directory.

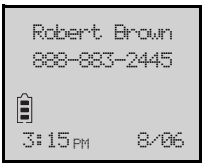
NOTE: The number shown by your caller ID is in the format sent by the phone company. The phone company usually delivers ten-digit phone numbers (area code plus phone number). If the telephone number of the caller does not exactly match a number in your directory, the name appears as it is delivered by the phone company. For example, if the phone company includes the area code and the directory number does not, the name appears as delivered by the phone company.

Missed (new) calls indicator

When the handset is in idle mode and has calls that have not been reviewed, its screen shows **XX MISSED CALLS**.

All unreviewed entries are counted as missed calls. Each time you review a call log entry marked **NEW**, the number of missed calls decreases by one.

If you do not want to review the missed calls one by one, but you still want to keep them in the caller ID history, you can press and hold **OFF/CLEAR** for four seconds when the handset is idle. All the entries in the caller ID history are considered old (reviewed), and the missed calls counter shows **0**.



Caller ID history

How the caller ID history (call log) works

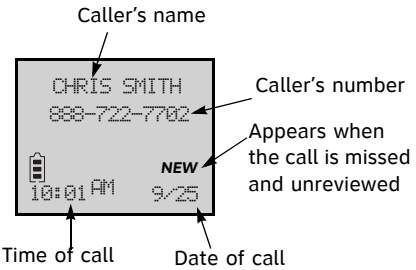
The telephone stores caller ID information about the last 50 incoming calls in the telephone base. Entries are stored in reverse chronological order. The phone deletes the oldest entry when the log is full to make room for new calls. If you answer a call before the information appears on the screen, it does not show in the caller ID history.

Review the caller ID history to find out who called, to easily return the call, or to copy the caller's name and number into your directory.

XX MISSED CALL(S) appears if there are new call log entries (including missed and unreviewed calls). **CALL LOG EMPTY** appears if there are no records in the call log.

NOTES:

1. Each entry may have up to 24 digits for the phone number and 15 characters for the name. If the phone number has more than 15 digits, only the last 15 digits appear. For call log entries with numbers between 16 and 23 digits, in order to view the entire number, you must save the entry to the Directory (see page 27). If the phone number has more than 24 digits, it is not saved or shown in the call log.
2. The caller ID information might not be available for every incoming call. The callers might intentionally block their names and/or telephone numbers.



Caller ID history

To review the caller ID history

1. When a handset is in idle mode, press ▼**CID** to review the caller ID history in reverse chronological order, starting with the most recent call.

   -OR-

   You can also review the caller ID history by pressing **MENU/SELECT**, then press ▼**CID** or **DIR**▲ to scroll to **>CALL LOG**, then press **MENU/SELECT** twice to **REVIEW**.

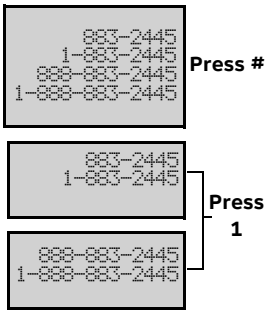
2. Press ▼**CID** or **DIR**▲ to scroll through the list as shown on the right.

3. Press **OFF/CLEAR** to exit the caller ID history.

A double beep sounds when the list reaches the beginning or end of the call log.

Make a call log entry ready to dial

Although the call log entries received typically have 10 digits (the area code plus the seven-digit number), in some areas, you might need to dial only the seven digits, or 1 plus the seven digits, or 1 plus the area code plus the seven digits. You can change the number of digits that you dial from and store in the call log.



While reviewing the call log, press # repeatedly to show different dialing options for local and long distance numbers before dialing or saving the telephone number in the directory.

Press 1 repeatedly if you need to add or remove 1 in front of the telephone number before dialing or saving it in the directory.

When the number is shown in the correct format for dialing, press **PHONE/FLASH** or **SPEAKER** to call the number.

NOTE: If you do not need to dial the area code for local calls, make sure to program your **HOME AREA CODE**. See page 13 for details.

Caller ID history

Dial a call log entry

1. When in the call log, press ▼**CID** or **DIR**▲ to browse.
2. Press **PHONE/FLASH** or **SPEAKER** to dial the entry.

Delete entries

- Press **DELETE** to delete the shown entry from the caller ID history.
- Follow the steps below to delete all caller ID entries:
  1. Press **MENU/SELECT** in idle mode to enter the main menu.
  2. Use ▼**CID** or **DIR**▲ to scroll to **>CALL LOG**, then press **MENU/SELECT**.
  3. Use ▼**CID** or **DIR**▲ to scroll **DELETE ALL CALLS?** then press **MENU/SELECT**.
  4. When the screen shows **DELETE ALL CALLS?** press **MENU/SELECT** to clear the caller ID history of all entries, or press **OFF/CLEAR** to exit and leave all entries in the caller history intact.

Save a call log entry to the directory

1. When in the call log, press ▼**CID** or **DIR**▲ to browse.
2. Press **MENU/SELECT** to select an entry. The screen displays **EDIT NUMBER**.
3. Use the dialing keys to edit the number, if necessary.
   - Press **DELETE** to backspace and erase a digit.
   - Press and hold **DELETE** to erase the entire entry.
   - Press ▼**CID** to move the cursor to the left or **DIR**▲ to the right.
   - Press and hold **REDIAL/PAUSE** to insert a dialing pause (**p** appears).
   - Copy a number from the redial list by pressing **REDIAL/PAUSE** and then ▼**CID** or **DIR**▲, or by pressing **REDIAL/PAUSE** to select a number. Press **MENU/SELECT** to copy the number.
4. Press **MENU/SELECT** to move to the name. The screen displays **EDIT NAME**.
   - Use the dial pad keys to add characters (page 26).
   - Press **MENU/SELECT** to erase characters.
   - Press and hold **DELETE** to erase all characters.
   - Press ▼**CID** or **DIR**▲ to move the cursor to the left and right.
   - Press # to insert a space.

Caller ID history

5. Press **MENU/SELECT** when done and the handset shows **SAVED**.

   - If the entry is already saved in the directory, the handset shows **ALREADY SAVED**. If there is no caller ID information, the handset shows **UNABLE TO SAVE.**

NOTES:

1. You may need to change how a caller ID number is dialed if the entry does not appear in the correct format. Caller ID numbers may appear with an area code that may not be required for local calls, or without a 1 that may be needed for long distance calls (see page 32).
2. If neither the name nor number is provided, **UNABLE TO SAVE** appears.

Reasons for missing caller ID information

There are also occasions when other information or no information shows for various reasons:

On-screen message	Reason
PRIVATE NUMBER	The caller prefers not to show the phone number.
PRIVATE NAME	The caller prefers not to show the name.
PRIVATE CALLER	The caller prefers not to show the phone number and the name.
UNKNOWN NUMBER	Your local telephone company cannot determine the caller's number.
UNKNOWN NAME	Your local telephone company cannot determine the caller's name.
UNKNOWN CALLER	Your local telephone company cannot determine the caller's name and telephone number. Calls from other countries may also generate this message.

About the answering system

Answering system and voicemail

Your telephone has both a digital answering system and voicemail indication. Most telephone companies offer voicemail service (fees may apply). Your telephone's answering system and voicemail indication are independent features. Each alerts you to new messages differently. For more information on the voicemail indicators, see page 12. To listen to your voicemail, you typically follow the instructions provided by your voicemail service provider. To listen to messages recorded on your digital answering system, press ▶/■ **PLAY/STOP** button on the telephone base.

If you subscribe to caller ID/call waiting service through your telephone service provider, you can use your telephone answering system and voicemail together. Set your answering system to answer calls at least two rings earlier than your voicemail is set to answer. For example, set your voicemail to answer calls after six rings and set your answering system to answer after four rings.

NOTE: Some voicemail providers may program the delay before answering calls in seconds instead of rings; in this case, allow six seconds per ring when determining the appropriate setting. By doing this, if you are on a call, or if the answering system is busy recording a message and you receive another call, the second caller can leave a voicemail message.

Message capacity

The answering system can record up to 99 messages, depending on the length of each message. Individual messages can be up to four minutes, and the approximate recording time is 14 minutes. The actual recording time depends on individual message characteristics. Messages remain available for replay until you delete them.

When there are new messages (including memos) on the answering system, the number of messages stored flashes in the message counter.

If F is flashing in the message counter, the memory is full. You must delete some messages before recording new ones.

Turn the answering system on or off at the telephone base

Unless you change it, the answering system is on and ready to record messages. You can turn the answering system off, but if you do so, the answering system does not answer calls and record incoming messages.

Press ⏻ **ANS ON/OFF** to turn the answering system on or off. If the answering system is turned on, it announces *"Calls will be answered."* If the answering system is turned off, it announces *"Calls will not be answered."*

About the answering system

New message indication

The message window on the telephone base flashes and shows on the handset when there are new answering system messages.

If the new message alert tone is turned on, the telephone base beeps every 10 seconds when there are unreviewed messages.

NOTE: If the answering system has less than five minutes of recording time left, the remaining time is announced.

Call screening at the telephone base

If the answering system is on and the telephone base volume is not off (set to 1 or higher), you hear the announcement and the incoming message when a call comes in. If you want the telephone base to be silent while recording messages, make sure the telephone base volume is set to 0.

Call intercept

While screening a call, you can stop recording and speak to the caller by pressing **PHONE/FLASH** or **SPEAKER** on the handset.

Base ringer

Press **VOLUME▲▼** on the telephone base to adjust the ringer volume when the telephone is not in use.

A sample of the ringer sounds as you adjust the volume. The telephone base announces "*Base ringer is off.*" when you set the volume to **0**.

Temporarily turning off the message alert tone

Pressing any telephone base key (except **HANDSET LOCATOR**) temporarily silences the message alert tone.

If you press **X DELETE** when in idle mode, there is a voice prompt to direct you to press **X DELETE** again to delete all old messages, and the message alert tone is temporarily silenced.

The message alert tone is re-activated with the next incoming message.

Voice prompts

The system provides voice prompts to guide you through remote access and recording outgoing announcements.

Message playback

If you have new messages, you hear only the new messages (oldest first). If there are no new messages, the system plays back all the messages (oldest first).

When playback begins, the total number of messages is announced. Before each message, you hear the day and time it was received. After the last message, you hear *"End of messages."* If the system has less than five minutes of recording time left, you hear the remaining time.

To listen to messages at the telephone base:

Press ▶/■ **PLAY/STOP** on the telephone base to listen to the messages. The system announces the number of messages, then begins playback. Press ▶/■ **PLAY/STOP** again to end the message playback.

To listen to messages at the handset:

1. When the handset is in idle mode, press **MENU/SELECT** to enter the main menu.
2. Press **MENU/SELECT** again to select **>ANS. SYSTEM**.
3. Press **MENU/SELECT** to select **>PLAY MSGS**.

The system announces the number of messages, then begins playback. The message sequence is shown on the handset's screen. If there is no message in the answering system, the screen shows **NO MESSAGES**.

Message playback

Options during playback

When a message is playing, you can adjust the playback volume, skip, repeat, or delete the message.

When messages are playing on the telephone base:

- Press **VOLUME▲▼** button to adjust the message playback volume.
- Press **SKIP** to skip to the next message.
- Press **REPEAT** to repeat the message. Press twice to hear the previous message.
- Press **X DELETE** to delete the message.
- Press **PLAY/STOP** to stop the playback.

When messages are playing on the handset:

- Press **▼CID** or **DIR▲** to adjust the message playback volume.
- Press **6** to skip to the next message.
- Press **4** to repeat the message. Press twice to hear the previous message.
- Press **3** to delete the message.
- Press **5** to stop the playback.
- Press **SPEAKER** to switch between speakerphone mode and handset mode.

To delete all old messages

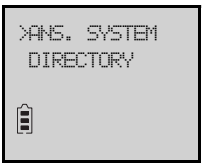
You can only delete old (reviewed) messages. You cannot delete new messages until you review them. You cannot retrieve deleted messages.

To delete all old messages at the telephone base:

1. Press **X DELETE** on the telephone base. The system announces, *"To delete all old messages, press **DELETE** again."*
2. Press **X DELETE** again. The system announces, *"All old messages deleted."*

To delete all old messages at the handset:

1. Press **MENU/SELECT** when in idle mode to enter the main menu.
2. Press **MENU/SELECT** again.
3. Press **▼CID** or **DIR▲** to select **>DEL ALL OLD**, then press **MENU/SELECT**. The screen displays **DELETE ALL OLD MSGS?**
4. Press **MENU/SELECT** again to confirm. The screen displays **ALL OLD MSGS DELETED!** and you hear a confirmation tone.



Recording & playing memos

Memos are messages you record at a handset. They are saved, played back and deleted exactly like incoming messages. You can record a memo as a reminder to yourself, or leave a message for others who use the answering system. Memos are played the same way as messages. See **Message playback** on pages 38-39.

To record a memo:

1. When the handset is in idle mode, press **MENU/SELECT** to enter the main menu.
2. Press **MENU/SELECT** again.
3. Press **▼CID** or **DIR▲** to select **>RECORD MEMO**, then press **MENU/SELECT**. The system announces *"Record after the tone. Press **5** when you are done."* You can record a memo for up to four minutes. The answering system does not save memos shorter than one second.
4. Speak facing the handset to record the memo.
5. Press **5** to stop recording. The system announces, *"Recorded."*

NOTES:

1. *"Memory is full,"* is announced if you record a memo when the memory is full.
2. Each memo can be up to four minutes in length.
3. Memos shorter than one second are not recorded.

Base message counter displays

The base message counter displays the total number of answering system messages. See the table below for other message counter displays.

Message counter displays

0	No messages.
0–6	Telephone base ringer level while adjusting.
1–99	Total number of old messages and memos. Current message number during old message playback.
0–99 (flashing)	Total number of messages and memos. The number flashes when there are new (unreviewed) messages. After a power failure, the number in the message counter flashes to indicate the clock needs to be set.
1–99 & F (alternating)	Memory is full. Messages must be deleted before new messages can be recorded.
1–99 (flashing)	Current message number during new message playback.
1–8	Speaker volume level of the telephone base while adjusting.
– –	The system is answering a call or recording a memo or announcement, or a system handset is on a call, or the system is being accessed remotely, or the system is being programmed.

Remote access

You can access the answering system remotely by dialing your home telephone number from any touch-tone telephone.

To remotely access the answering system:

1. Dial your telephone number from any touch-tone telephone.
2. When the system answers, enter the two digit remote access code (**19** is the default code, see page 17 to change it).
   - The system automatically announces the number of messages (new and/or old) if there are any, and then begin to play them.
3. You can also enter the following remote commands.

Remote commands

1	Press to listen to all messages.
2 ABC	Press to listen to new messages only.
3 DEF	Press to delete the current message (during playback).
3 DEF 3 DEF	Press twice to delete all old messages.
4 GHI	Press to repeat the current message during playback).
4 GHI 4 GHI	Press twice to listen to the previous message.
5 JKL	Press to stop any operation (including recording).
* TONE 5 JKL	Press to listen to a list of remote commands.
6 MNO	Press to skip to the next message (during playback).
* TONE 7 PQRS	Press to record a new announcement.
0 OPER	Press to turn the answering system on or off.
8 TUV	Press to end remote access (the call is terminated).

4. Hang up to end the call and save all undeleted messages.

   Cut out and carry the remote access wallet card at the back of this user's manual for quick reference.

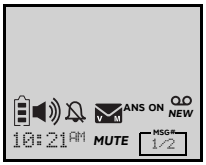
NOTES:

1. If you do not enter a valid remote access code, the system answers the call automatically.
2. If you pause for more than four seconds during remote access, you hear a help menu listing all features and commands. If there is no command for another 20 seconds, the call ends automatically.
3. If the memory is full, the answering system answers after 10 rings and announces, *"Memory is full. Enter the remote access code."* Enter your remote access code to access the messages and announcements.
4. When the answering system is turned off, the telephone answers after 10 rings, and announces, *"Please enter your remote access code."*

Alert tones and lights

Handset screen icons

	Battery status - battery is charging (animated display).
	Battery status - low battery (flashing); place handset in telephone base to recharge.
	SPEAKERPHONE - the speakerphone is in use.
	Ringer off - the handset ringer is turned off.
	NEW VOICEMAIL - new voicemail received from the local telephone company.
ANS ON	Answering system is turned on.
	Message - new message in the answering system.
NEW	Missed and unreviewed calls.
MUTE	Microphone is muted.
MSG# 1/2	**Message counter** - number of messages playing.



Handset alert tones

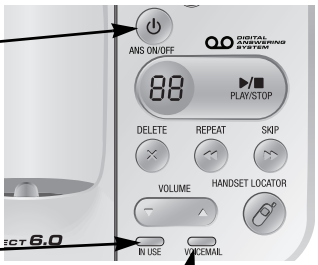
Two short beeps	You are pressing the ▼**CID** or **DIR**▲ keys when the volume is already at its highest or lowest setting.
Four short beeps	Low battery warning.
Three beeps	Out of range while the handset is on a call.
Three rising tones	The telephone has completed the command successfully.

Telephone base tone

Beeps every 10 seconds	Message alert.

Lights

ANSWER ON
On when the answering system is on and ready to receive calls.



IN USE
On when the handset is in use and when the answering system is answering an incoming call.

Flashes when another telephone is in use on the same line.

Flashes quickly when there is an incoming call.

VOICEMAIL
Flashes when you have new voicemail. Voicemail service is offered by your local telephone company, and is different from answering system messages.

CHARGE
On when the handset is charging in the telephone base.

Lighted display

Lighted dial pad

SPEAKER
On when the speakerphone is on.

Handset display screen messages

Screen display messages

ALREADY SAVED	The telephone number you have entered is already stored in the directory.
CALL LOG EMPTY	You are accessing an empty caller ID history.
CHARGING	A handset with a low battery has been placed in the telephone base.
CONNECTING...	The handset has lost communication with the telephone base.
DIRECTORY EMPTY	There are no directory entries.
ENDED	You have just ended a call.
LIST FULL	The directory is full. You cannot save any new entries unless you delete some current entries.
LOW BATTERY	The battery needs to be charged.
MICROPHONE ON	Mute is off so the other party can hear your voice.
MUTED	The microphone is off.
NEW VOICEMAIL	There are new voicemail messages.
NO LINE	There is no telephone line connected.
NO SIGNAL, CALL ENDED	The handset is out of range while on a call.
** PAGING **	The telephone base is paging all handsets.
PHONE	The handset is in use.
PLACE IN CHARGER	The battery is very low. The handset should be placed in the telephone base.
RINGER MUTE	The ringer is muted temporarily during an incoming call.
SAVED	The entry in caller ID history is now in the directory.
SPEAKER	The handset speakerphone is in use.
UNABLE TO SAVE	You are trying to save an entry with no name and number from the caller ID history.
XX MISSED CALLS	There are new calls in the caller ID history.

Troubleshooting

If you have difficulty with your phone, please try the suggestions below. For Customer Service, visit our website at **www.telephones.att.com** or call **1 (800) 222-3111**. In Canada, dial **1 (866) 288-4268**.

My phone doesn't work at all.	• Make sure the power cord is securely plugged in. • Make sure that the battery connector is securely plugged into the cordless handset. • Make sure the telephone line cord is securely and firmly plugged into the telephone base and the telephone wall jack. • Charge the battery in the cordless handset for at least 16 hours. For optimum daily performance, return the cordless handset to the telephone base when not in use. • If the battery is depleted, it may take approximately four minutes to charge the handset before it can resume display on the screen. • Reset the telephone base. Unplug the electrical power. Wait for approximately 15 seconds, then plug it back in. Allow up to one minute for the cordless handset and telephone base to reset. • You may need to purchase a new battery. Please refer to **Battery installation & charging** (pages 5-6) in this user's manual.
I cannot get a dial tone.	• First try all the suggestions above. • Move the cordless handset closer to the telephone base. You might have moved out of range. • If the previous suggestions don't work, disconnect the telephone base from the telephone jack and connect to a different phone. If there is no dial tone on that phone either, the problem is in your wiring or local service. Contact your local telephone company. • Your line cord might be malfunctioning. Try installing a new line cord.

Troubleshooting

I cannot dial out.	• First try all the suggestions in **I cannot get a dial tone**, on the previous page. • Make sure you have a dial tone before dialing. The cordless handset may take a second or two to find the telephone base and produce a dial tone. This is normal. Wait an extra second before dialing. • Eliminate any background noise. Noise from a television, radio or other appliances may cause the phone to not dial out properly. If you cannot eliminate the background noise, first try muting the cordless handset before dialing, or dialing from another room in your home with less background noise. • If the other phones in your home are having the same problem, the problem is in your wiring or local service. Contact your local telephone company (charges may apply).
My cordless handset isn't performing normally.	• Make sure the power cord is securely plugged into the telephone base. Plug the power adapter into a different, working electrical outlet not controlled by a wall switch. • Move the cordless handset closer to the telephone base. You might have moved out of range. • Reset the telephone base. Unplug the electrical power. Wait for 15 seconds then plug it back in. Allow up to one minute for the cordless handset and telephone base to reset. • Other electronic products can cause interference to your cordless phone. Try installing your phone as far away from these types of electronic devices as possible: television sets, VCRs, or other cordless telephones.
CONNECTING... appears on my cordless handset.	• Ensure that the telephone base is powered up. • Place the cordless handset in the telephone base for one minute to allow the cordless handset and base to resynchronize. • Move the cordless handset closer to the telephone base. You might have moved out of range.

	• Reset the telephone base. Unplug the electrical power. Wait for 15 seconds then plug it back in. Allow up to one minute for the cordless handset and telephone base to reset. • Other electronic products can cause interference with your cordless phone. Try installing your phone as far away from these types of electronic devices as possible: television sets, VCRs, or other cordless telephones.
The batteries do not hold a charge.	• If the cordless handset is in the telephone base and the charge light does not come on, refer to **The charge light is off** (page 51) in this **Troubleshooting** guide. • Charge the battery in the cordless handset for at least 16 hours. For optimum daily performance, return the cordless handset to the telephone base when not in use. • If the battery is depleted, it may take approximately four minutes to charge the handset before it can resume display on the screen. • You may need to purchase a new battery. Please refer to **Battery installation & charging** (pages 5-6) in this user's manual.
I get noise, static, or weak signals even when I'm near the telephone base.	• If you subscribe to high-speed Internet service (digital subscriber line - DSL) through your telephone lines, you must install a DSL filter between the telephone base and the telephone wall jack (see page 4). The filter prevents noise and caller ID problems caused by DSL interference. Please contact your DSL service provider for more information about DSL filters. • You may be able to improve the performance of your cordless phone by installing your new telephone base as far as possible from any other existing cordless telephone system that may already be installed. • Other electronic products can cause interference to your cordless phone. Try installing your phone as far away from the following electronic devices as possible: television sets, VCRs, or other cordless telephones.

	• Do not install this phone near a microwave oven or on the same electrical outlet. You may experience decreased performance while the microwave oven is operating. • If your phone is plugged in with a modem or a surge protector, plug the phone (or modem/surge protector) into a different location. If this doesn't solve the problem, re-locate your phone or modem farther apart from one another, or use a different surge protector. • Relocate your phone to a higher location. The phone will likely have better reception when installed in a high area. • If the other phones in your home are having the same problem, the problem is in your wiring or local service. Contact your local telephone company (charges may apply).
I experience poor sound quality when using the speakerphone.	• For increased sound quality while using the speakerphone, place the handset on a flat surface with the dial pad facing up. • When using a speakerphone, controlling background noise in your environment is essential. While you are listening to your party, press **MUTE** to temporarily turn your microphone off. When it is your turn to speak, remember to press **MUTE** again to turn the microphone on. • Excessive background noise will cause a speakerphone to fade in and out. Try controlling the background noise by turning off any audio devices near the speakerphone. Also, try to avoid interrupting the person at the other end of the conversation while they are speaking. If background noise cannot be controlled, you should terminate speakerphone operation and return to normal handset mode.
I hear other calls while using my phone.	• Disconnect the telephone base from the telephone jack, and plug in a different telephone. If you still hear other calls, the problem is probably in your wiring or local service. Call your local telephone company.

My cordless handset does not ring when I receive a call.

- Make sure that the ringer is not turned off. Refer to **Ringer volume** on page 9 in this user's manual.
- Make sure the telephone line cord is plugged securely into the telephone base and the telephone jack. Make sure the power cord is securely plugged in.
- The cordless handset may be too far from the telephone base.
- Charge the battery in the cordless handset for at least 16 hours. For optimum daily performance, return the cordless handset to the telephone base when not in use.
- You may have too many extension phones on your telephone line to allow all of them to ring simultaneously. Try unplugging some of the other phones.
- The layout of your home or office might be limiting the operating range. Try moving the telephone base to another location, preferably on an upper floor.
- If the other phones in your home are having the same problem, the problem is in your wiring or local service. Contact your local telephone company (charges may apply).
- Test a working phone at the phone jack. If another phone has the same problem, the problem is the phone jack. Contact your local telephone company (charges may apply).
- Other electronic products can cause interference with your cordless phone. Try installing your phone as far away as possible from electronic devices such as wireless routers or other cordless telephones.
- Re-install the battery, and place the cordless handset in the telephone base. Wait for the cordless handset to re-establish its connection with the telephone base. Allow up to one minute for this to take place.
- Your line cord might be malfunctioning. Try installing a new line cord.

Troubleshooting

My calls cut in and out while I'm using my cordless handset.	• Other electronic products can cause interference with your cordless phone. Try installing your phone as far away as possible from electronic devices such as wireless routers, or other cordless telephones. • Do not install this phone near a microwave oven or on the same electrical outlet. You may experience decreased performance while the microwave oven is operating. • If your phone is plugged in with a modem or surge protector, plug the phone (or modem/surge protector) into a different location. If this doesn't solve the problem, re-locate your phone or modem farther apart from one another, or use a different surge protector. • Move the handset closer to the base. The operating range may vary with environmental conditions and time of use. There may be places within your environment that a cordless phone will not work well. If the problem only occurs in certain areas of your environment, you can conclude that there is nothing wrong with the phone. • Relocate your telephone base to a higher location. The phone will have better reception when installed in a high area. • If the other phones in your home are having the same problem, the problem is in your wiring or local service. Contact your local telephone company (charges may apply).
The charge light is off.	• Make sure the power and line cords are plugged in correctly and securely. • Unplug the electrical power. Wait for 15 seconds, then plug it back in. Allow up to one minute for the cordless handset and telephone base to reset. • Clean the cordless handset and telephone base charging contacts each month using a pencil eraser or cloth.

Troubleshooting

My caller ID isn't working.	• Caller ID is a subscription service. You must subscribe to this service from your local telephone company for this feature to work on your phone. • Your caller must be calling from an area that supports caller ID. • Both you and your caller's telephone companies must use caller ID compatible equipment. • If you subscribe to high-speed Internet service (digital subscriber line - DSL) through your telephone lines, you must install a DSL filter between the telephone base and the telephone wall jack (see page 4). The filter prevents noise and caller ID problems caused by DSL interference. Please contact your DSL service provider for more information about DSL filters.
System does not receive caller ID when on a call.	• Make sure you subscribe to caller ID with call waiting features provided by your local telephone company. Caller ID features work only if both you and the caller are in areas offering caller ID service, and if both telephone companies use compatible equipment.
Incomplete messages.	• If a caller leaves a very long message, part of it may be lost when the system disconnects the call after four minutes. • If the caller pauses for longer than seven seconds, the system stops recording and disconnects the call. • If the system's memory becomes full during a message, the system stops recording and disconnects the call. • If the caller's voice is very soft, the system may stop recording and disconnects the call.
Difficulty hearing messages.	• Press **VOLUME▲** to increase speaker volume on the telephone base. • Press **VOLUME▲** to increase the listening volume on the handset.

Troubleshooting

System does not answer after correct number of rings.	• Make sure that the answering system is on (page 14 or 36). • If toll saver is activated, the number of rings changes to two when you have new messages stored (page 16). • If the memory is full or the system is off, the system answers after 10 rings.
System announces *"Time and day not set."*	• You need to reset the answering system clock (see page 11).
System does not respond to remote commands.	• Make sure to enter your remote access code correctly (page 17). • Make sure you are calling from a touch-tone phone. When you dial a number, you should hear tones. If you hear clicks, the phone is not a touch-tone telephone and cannot activate the answering system. • The answering system may not detect the remote access code while your announcement is playing. Try waiting until the announcement is over before entering the code. • There may be interference on the phone line you are using. Press dial pad keys firmly.
System does not record messages.	• Make sure the answering system is on (page 14 or 36). • Make sure the memory of the answering system is not full.
Outgoing announcement is not clear.	• When you record your announcement, make sure you speak in a normal tone of voice, about nine inches from the telephone base. • Make sure there is no background noise (TV, music, etc.) while recording.

Troubleshooting

Common cure for electronic equipment.

If the telephone does not seem to be responding normally, try putting the cordless handset in the telephone base. If it does not seem to respond, do the following (in the order listed):

- Disconnect the power to the telephone base.
- Disconnect the cordless handset battery, and spare battery, if applicable.
- Wait a few minutes.
- Connect power to the telephone base.
- Re-install the battery, and place the cordless handset into the telephone base.
- Wait for the cordless handset to re-establish its connection with the telephone base. Allow up to one minute for this to take place.

Maintenance

Taking care of your telephone

- Your cordless telephone contains sophisticated electronic parts, so it must be treated with care.
- Avoid rough treatment.
- Place the handset down gently.
- Save the original packing materials to protect your telephone if you ever need to ship it.

Avoid water

- Your telephone can be damaged if it gets wet. Do not use the handset in the rain, or handle it with wet hands. Do not install the telephone base near a sink, bathtub or shower.

Electrical storms

- Electrical storms can sometimes cause power surges harmful to electronic equipment. For your own safety, take caution when using electric appliances during storms.

Cleaning your telephone

- Your telephone has a durable plastic casing that should retain its luster for many years. Clean it only with a soft cloth slightly dampened with water or a mild soap.
- Do not use excess water or cleaning solvents of any kind.

Remember that electrical appliances can cause serious injury if used when you are wet or standing in water. If the telephone base should fall into water, DO NOT RETRIEVE IT UNTIL YOU UNPLUG THE POWER CORD AND TELEPHONE LINE CORDS FROM THE WALL. Then pull the telephone out by the unplugged cords.

Important safety information

This symbol is to alert you to important operating or servicing instructions that may appear in this user's manual. Always follow basic safety precautions when using this product to reduce the risk of injury, fire, or electric shock.

Safety information

- Read and understand all instructions in the user's manual. Observe all markings on the product.
- Avoid using a telephone during a thunderstorm. There may be a slight chance of electric shock from lightning.
- Do not use a telephone in the vicinity of a gas leak. If you suspect a gas leak, report it immediately, but use a telephone away from the area where the gas is leaking. If this product is a cordless model, make sure the telephone base is also away from the area.
- Do not use this product near water, or when you are wet. For example, do not use it in a wet basement or shower, or next to a swimming pool, bathtub, kitchen sink, or laundry tub. Do not use liquids or aerosol sprays for cleaning. If the product comes in contact with any liquid, unplug any line or power cord immediately. Do not plug the product back in until it has dried thoroughly.
- Install this product in a protected location where no one can trip over any line or power cords. Protect cords from damage or abrasion.
- If this product does not operate normally, see the **Troubleshooting** section on pages 46-54 of this user's manual. If you cannot solve the problem, or if the product is damaged, refer to the **Limited warranty** section on pages 60-61. Do not open this product except as directed in your user's manual. Opening the product or reassembling it incorrectly may expose you to hazardous voltages or other risks.
- Replace batteries only as described in your user's manual (see pages 5-6). Do not burn or puncture batteries — they contain caustic chemicals.
- This power adapter is intended to be correctly oriented in a vertical or floor mount position. The prongs are not designed to hold the plug in place if it is plugged into a ceiling or an under-the-table/cabinet outlet.

Caution: Use only the power adapter provided with this product. To obtain a replacement, visit our website at **www.telephones.att.com** or call **1 (800) 222-3111**. In Canada, dial **1 (866) 288-4268**.

Especially about cordless telephones

- **Privacy:** The same features that make a cordless telephone convenient create some limitations. Telephone calls are transmitted between the telephone base and the handset by radio waves, so there is a possibility that your cordless telephone conversations could be intercepted by radio receiving equipment within range of the cordless handset. **For this reason, you should not think of cordless telephone conversations as being as private as those on corded telephones.**
- **Electrical power:** The telephone base of this cordless telephone must be connected to a working electrical outlet which is not controlled by a wall switch. **Calls cannot be made from the handset if the telephone base is unplugged, switched off or if the electrical power is interrupted.**
- **Potential TV interference:** Some cordless telephones operate at frequencies that may cause interference to TVs and VCRs. To minimize or prevent such interference, do not place the telephone base of the cordless telephone near or on top of a TV or VCR. If interference is experienced, moving the cordless telephone farther away from the TV or VCR will often reduce or eliminate the interference.

Important safety information

- **Rechargeable batteries:** This product contains nickel-metal hydride rechargeable batteries. Exercise care in handling batteries in order not to create a short circuit with conductive material such as rings, bracelets, and keys. The battery or conductor may overheat and cause harm. Observe proper polarity between the battery and the battery charger.
- **Nickel-metal hydride rechargeable batteries:** Dispose of these batteries in a safe manner. Do not burn or puncture. Like other batteries of this type, if burned or punctured, they could release caustic material which could cause injury.

The RBRC™ Seal means that the manufacturer is voluntarily participating in an industry program to collect and recycle nickel-metal hydride rechargeable batteries when taken out of service within the United States. These batteries may be taken to a participating local retailer of replacement batteries or recycling center. Or you may call 1 (800) 8-BATTERY for locations accepting spent Ni-MH batteries.

Precautions for users of implanted cardiac pacemakers

Cardiac pacemakers (applies only to digital cordless telephones):

Wireless Technology Research, LLC (WTR), an independent research entity, led a multidisciplinary evaluation of the interference between portable wireless telephones and implanted cardiac pacemakers. Supported by the U.S. Food and Drug Administration, WTR recommends to physicians that:

Pacemaker patients

Should keep wireless telephones at least six inches from the pacemaker.

Should NOT place wireless telephones directly over the pacemaker, such as in a breast pocket, when it is turned ON.

Should use the wireless telephone at the ear opposite the pacemaker.

WTR's evaluation did not identify any risk to bystanders with pacemakers from other persons using wireless telephones.

Especially about telephone answering systems

Two-way recording: This unit does not sound warning beeps to inform the other party that the call is being recorded. To ensure that you are in compliance with any federal or state regulations regarding recording a telephone call, you should start the recording process and then inform the other party that you are recording the conversation.

SAVE THESE INSTRUCTIONS

FCC part 68 and ACTA

This equipment complies with Part 68 of the FCC rules and with technical requirements adopted by the Administrative Council for Terminal Attachments (ACTA). The label on the back or bottom of this equipment contains, among other things, a product identifier in the format US:AAAEQ##TXXXX. This identifier must be provided to your local telephone company upon request.

The plug and jack used to connect this equipment to premises wiring and the telephone network must comply with the applicable Part 68 rules and technical requirements adopted by ACTA. A compliant telephone cord and modular plug is provided with this product. It is designed to be connected to a compatible modular jack that is also compliant. An RJ11 jack should normally be used for connecting to a single line and an RJ14 jack for two lines. See Installation Instructions in the user's manual.

The Ringer Equivalence Number (REN) is used to determine how many devices you may connect to your telephone line and still have them ring when you are called. The REN for this product is encoded as the 6th and 7th characters following the US: in the product identifier (e.g., if ## is 03, the REN is 0.3). In most, but not all areas, the sum of all RENs should be five (5.0) or less. For more information, please contact your local telephone company.

This equipment may not be used with Party Lines. If you have specially wired alarm dialing equipment connected to your telephone line, ensure the connection of this equipment does not disable your alarm equipment. If you have questions about what will disable the alarm equipment, consult your telephone company or a qualified installer.

If this equipment is malfunctioning, it must be unplugged from the modular jack until the problem has been corrected. Repairs to this telephone equipment can only be made by the manufacturer or its authorized agents. For repair procedures, follow the instructions outlined under the Limited Warranty.

If this equipment is causing harm to the telephone network, the telephone company may temporarily discontinue your telephone service. The telephone company is required to notify you before interrupting service. If advance notice is not practical, you will be notified as soon as possible. You will be given the opportunity to correct the problem and the telephone company is required to inform you of your right to file a complaint with the FCC. Your telephone company may make changes in its facilities, equipment, operation, or procedures that could affect the proper functioning of this product. The telephone company is required to notify you if such changes are planned.

If this product is equipped with a corded or cordless handset, it is hearing aid compatible.

If this product has memory dialing locations, you may choose to store emergency telephone numbers (e.g., police, fire, medical) in these locations. If you do store or test emergency numbers, please:

Remain on the line and briefly explain the reason for the call before hanging up.

Perform such activities in off-peak hours, such as early morning or late evening.

Industry Canada

Operation is subject to the following two conditions: (1) this device may not cause harmful interference, and (2) this device must accept any interference, including interference that may cause undesired operation.

The term ''IC:'' before the certification/registration number only signifies that the Industry Canada technical specifications were met.

The Ringer Equivalence Number (REN) for this terminal equipment is 0.1. The REN is an indication of the maximum number of devices allowed to be connected to a telephone interface. The termination on an interface may consist of any combination of devices subject only to the requirement that the sum of the RENs of all the devices does not exceed five.

This product meets the applicable Industry Canada technical specifications.

Appendix G

FCC part 15

This equipment has been tested and found to comply with the requirements for a Class B digital device under Part 15 of the Federal Communications Commission (FCC) rules. These requirements are intended to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for help.

Changes or modifications to this equipment not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.

This device complies with Part 15 of the FCC Rules. Operation is subject to the following two conditions: (1) this device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation. Privacy of communications may not be ensured when using this telephone.

To ensure safety of users, the FCC has established criteria for the amount of radio frequency energy that can be safely absorbed by a user or bystander according to the intended usage of the product. This product has been tested and found to comply with the FCC criteria. The handset may be safely held against the ear of the user. The telephone base shall be installed and used such that parts of the user's body other than the hands are maintained at a distance of approximately 20 cm (8 inches) or more.

This Class B digital apparatus complies with Canadian ICES-003.

Appendix H

Limited warranty

The AT&T brand is used under license - any repair, replacement or warranty service, and all questions about this product should be directed to: In the United States of America, visit **www.telephones.att.com** or call **1 (800) 222-3111**. In Canada, call **1 (866) 288-4268**.

1. What does this limited warranty cover?

The manufacturer of this AT&T-branded product warrants to the holder of a valid proof of purchase ("CONSUMER" or "you") that the product and all accessories provided in the sales package ("PRODUCT") are free from defects in material and workmanship, pursuant to the following terms and conditions, when installed and used normally and in accordance with the PRODUCT operating instructions. This limited warranty extends only to the CONSUMER for products purchased and used in the United States of America and Canada.

2. What will be done if the PRODUCT is not free from defects in materials and workmanship during the limited warranty period ("materially defective PRODUCT")?

During the limited warranty period, the manufacturer's authorized service representative will repair or replace at the manufacturer's option, without charge, a materially defective PRODUCT. If the manufacturer repairs the PRODUCT, they may use new or refurbished replacement parts. If the manufacturer chooses to replace the PRODUCT, they may replace it with a new or refurbished PRODUCT of the same or similar design. The manufacturer will retain defective parts, modules, or equipment. Repair or replacement of the PRODUCT, at the manufacturer's option, is your exclusive remedy. The manufacturer will return repaired or replacement products to you in working condition. You should expect the repair or replacement to take approximately 30 days.

3. How long is the limited warranty period?

The limited warranty period for the PRODUCT extends for ONE (1) YEAR from the date of purchase. If the manufacturer repairs or replaces a materially defective PRODUCT under the terms of this limited warranty, this limited warranty also applies to repaired or replacement PRODUCT for a period of either (a) 90 days from the date the repaired or replacement PRODUCT is shipped to you or (b) the time remaining on the original one-year limited warranty; whichever is longer.

4. What is not covered by this limited warranty?

This limited warranty does not cover:

- PRODUCT that has been subjected to misuse, accident, shipping or other physical damage, improper installation, abnormal operation or handling, neglect, inundation, fire, water, or other liquid intrusion; or
- PRODUCT that has been damaged due to repair, alteration, or modification by anyone other than an authorized service representative of the manufacturer; or
- PRODUCT to the extent that the problem experienced is caused by signal conditions, network reliability or cable or antenna systems; or
- PRODUCT to the extent that the problem is caused by use with non-AT&T accessories; or
- PRODUCT whose warranty/quality stickers, PRODUCT serial number plates or electronic serial numbers have been removed, altered or rendered illegible; or
- PRODUCT purchased, used, serviced, or shipped for repair from outside the United States of America or Canada, or used for commercial or institutional purposes (including but not limited to products used for rental purposes); or

- PRODUCT returned without valid proof of purchase (see item 6 below); or
- Charges for installation or setup, adjustment of customer controls, and installation or repair of systems outside the unit.

5. How do you get warranty service?

To obtain warranty service in the United States of America, visit **www.telephones.att.com** or call **1 (800) 222-3111**. In Canada, call **1 (866) 288-4268**. NOTE: Before calling for service, please review the user's manual; a check of the PRODUCT controls and features may save you a service call.

Except as provided by applicable law, you assume the risk of loss or damage during transit and transportation and are responsible for delivery or handling charges incurred in the transport of the PRODUCT(s) to the service location. The manufacturer will return repaired or replaced PRODUCT under this limited warranty to you. Transportation, delivery or handling charges are prepaid. The manufacturer assumes no risk for damage or loss of the PRODUCT in transit. If the PRODUCT failure is not covered by this limited warranty, or proof of purchase does not meet the terms of this limited warranty, the manufacturer will notify you and will request that you authorize the cost of repair prior to any further repair activity. You must pay for the cost of repair and return shipping costs for the repair of products that are not covered by this limited warranty.

6. What must you return with the PRODUCT to get warranty service? You must:

- Return the entire original package and contents including the PRODUCT to the service location along with a description of the malfunction or difficulty; and
- Include "valid proof of purchase" (sales receipt) identifying the PRODUCT purchased (PRODUCT model) and the date of purchase or receipt; and
- Provide your name, complete and correct mailing address, and telephone number.

7. Other limitations

This warranty is the complete and exclusive agreement between you and the manufacturer of this AT&T branded PRODUCT. It supersedes all other written or oral communications related to this PRODUCT. The manufacturer provides no other warranties for this PRODUCT. The warranty exclusively describes all of the manufacturer's responsibilities regarding the PRODUCT. There are no other express warranties. No one is authorized to make modifications to this limited warranty and you should not rely on any such modification.

State/Provincial Law rights: This warranty gives you specific legal rights, and you may also have other rights which vary from state to state or province to province.

Limitations: Implied warranties, including those of fitness for a particular purpose and merchantability (an unwritten warranty that the PRODUCT is fit for ordinary use) are limited to one year from date of purchase. Some states/provinces do not allow limitations on how long an implied warranty lasts, so the above limitation may not apply to you. In no event shall the manufacturer be liable for any indirect, special, incidental, consequential, or similar damages (including, but not limited to lost profits or revenue, inability to use the PRODUCT or other associated equipment, the cost of substitute equipment, and claims by third parties) resulting from the use of this PRODUCT. Some states/provinces do not allow the exclusion or limitation of incidental or consequential damages, so the above limitation or exclusion may not apply to you.

Please retain your original sales receipt as proof of purchase.

Technical specifications

RF frequency band	1921.536 MHz — 1928.448 MHz
Channels	5
Operating temperature	32°F — 122°F 0°C — 50°C
Telephone base voltage (AC voltage, 60Hz)	96 — 130 Vrms
Telephone base voltage (AC adapter output)	6VDC @400mA
Handset voltage	2.4 — 3.2 VDC

Operation	**Operating time***
Talk time (handset)	Up to eight hours
Talk time (speakerphone)	Up to five hours
Standby	Up to six days

* Operating times varies depending on your actual use and the age of the battery.

DECT 6.0 digital technology

The AT&T DECT 6.0 products offer unsurpassed range performance and sound clarity. This is achieved through a unique antenna design and advances in noise-filtering technology. An independent laboratory has confirmed that AT&T DECT 6.0 products perform up to 45% better in range competitions. Now calls can be taken in the basement, backyard and garage with exceptional sound quality.

Telephone operating range

This cordless telephone operates within the maximum power allowed by the Federal Communications Commission (FCC). Even so, this handset and telephone base can communicate over only a certain distance — which can vary with the locations of the telephone base and handset, the weather, and the construction of your home or office.

Extended range and clarity

This telephone base comes with an antenna which gives much better clarity and covers a longer range than before.

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Remote access wallet card

Use the wallet card below to help you remember commands to control your answering system from any touch tone telephone.

Cut along dotted line.

Call your phone number, then enter your two-digit access code (preset to 19).

Action	Remote command
Play all messages	**1**
Play new messages	**2**
Delete the message	**3**
Delete all old messages	**33**
Repeat or go back	**4**
Stop	**5**
Help menu	***5**
Skip the message	**6**
Record announcement	***7**
Turn system off or on	**0**
End remote access call	**8** (or hang up)

Model name: EL52109
Type: DECT 6.0 cordless telephone/ answering system with caller ID/call waiting

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